

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of the Claims:

1. (previously presented) A household liquid dispensing apparatus comprising:
 - a container for holding a household liquid;
 - a pump for pumping the household liquid out of the container, the pump having a pump chamber;
 - a dip tube adapted to be positioned in said container and in communication with the pump chamber;
 - an exhaust tube in communication with the pump chamber and an outlet for the household liquid;
 - a pump actuator for mechanically driving said pump, said pump actuator connected to said pump;
 - a motor operatively engaging said pump actuator, said motor electrically connected to a power source;
 - a switch electrically connected to said motor and the power source; and
 - a trigger operatively connected to said switch to control power delivered to said motor, said trigger positioned under the outlet for the household liquid; wherein the trigger is positioned in relation to the outlet such that the same hand of the user that mechanically actuates the trigger is also positioned to receive household liquid from the outlet.
2. (original) The apparatus of claim 1, wherein said trigger is adapted to be actuated by a user when the user slightly depresses the back of his hand on a portion of said trigger.
3. (canceled)
4. (original) The apparatus of claim 1, wherein said trigger comprises a trigger assembly, the trigger assembly includes a trigger pad positioned below the outlet.

5. (original) The apparatus of claim 4, wherein the trigger pad is positioned in relation to the outlet such that an object that exerts a force on the trigger pad is also positioned to receive the household liquid dispensed from the outlet.
6. (original) The apparatus of claim 4, further comprising a housing for said motor, wherein the trigger assembly includes a switch actuator pivotally mounted to one of said housing and said container, wherein the trigger pad is mounted to the switch actuator.
7. (original) The apparatus of claim 6, wherein said housing includes a front wall and said container includes a rear wall disposed adjacent the front wall of said housing.
8. (original) The apparatus of claim 7, wherein the front wall of said housing and the rear wall of said container are complementarily shaped.
9. (original) The apparatus of claim 6, further comprising a latch plate for securing said housing in relation to said container.
10. (original) The apparatus of claim 9, wherein said housing includes a notch and said container includes a notch aligned with the notch of the housing, wherein said latch plate is slidably disposed in the notches.
11. (original) The apparatus of claim 10, wherein said housing includes a depression and said latch includes a protrusion, wherein said depression and said protrusion cooperate to secure said container in relation to said housing.
12. (original) The apparatus of claim 4, further comprising a housing for said motor, wherein the trigger assembly includes a switch actuator movably mounted to one of said housing and said container, wherein the trigger pad is mounted to the switch actuator.
13. (original) The apparatus of claim 12, wherein the trigger pad and the switch actuator are mounted such that the trigger assembly activates the switch in response to slight downward pressure on the trigger pad.

14. (original) The apparatus of claim 12, wherein the trigger pad is positioned in relation to the outlet such that an object that exerts a force on the trigger pad is also positioned to receive the household liquid dispensed from the outlet.

15. (original) The apparatus of claim 1, further comprising a housing wherein said housing includes a first wall and said container includes a first wall disposed adjacent the first wall of said housing.

16. (original) The apparatus of claim 15, wherein the first wall of said housing and the first wall of said container are complementarily shaped.

17. (original) The apparatus of claim 16, further comprising a latch for securing said housing in relationship to said container.

18. (original) The apparatus of claim 17, wherein said housing includes a notch and said container includes a notch aligned with the notch of the housing, wherein said latch comprises a latch plate slidably disposed in the notches.

19. (original) The apparatus of claim 18, wherein said housing includes a depression and said latch plate includes a protrusion, wherein said depression and said protrusion cooperate to secure said container in relationship to said housing.

20. (original) The apparatus of claim 16, wherein the first wall of the housing includes a tongue and the first wall of the container includes a groove, wherein the groove is adapted to fit into the tongue to attach the container to the housing.

21. (original) The apparatus of claim 1, further comprising a mixing apparatus disposed in said exhaust tube.

22. (original) The apparatus of claim 21, wherein said mixing apparatus comprises a screen.

23. (original) The apparatus of claim 1, further comprising a shroud covering the exhaust tube.

24. (original) The apparatus of claim 23, further comprising a housing for said pump and said motor.

25. (original) The apparatus of claim 24, wherein said shroud and a portion of said housing are an integral plastic unit.

26. (original) The apparatus of claim 24, wherein said container is removable from said housing and said shroud.

27. (original) The apparatus of claim 1, wherein said motor operatively engages said pump actuator via a gear reduction transmission.

28. (original) The apparatus of claim 1, wherein the power source comprises at least one battery.

29. (previously presented) A household liquid dispenser for use with an associated bottle for storing a household liquid, the dispenser comprising:

- a housing;

- a pump for pumping a household liquid from the associated bottle, said pump at least partially disposed in said housing and including a pump chamber;

- a nozzle in fluid communication with the pump chamber and defining an outlet;

- a pump actuator connected to said pump for working said pump;

- a motor operatively engaging said pump actuator and electrically connected to a power source;

- a switch electrically connected to said motor and the power source for selectively supplying power to said motor; and

- a trigger mounted to said housing and selectively mechanically engaging said switch, wherein said trigger comprises a trigger assembly that includes a trigger pad positioned below the outlet of said nozzle.

30. (original) The dispenser of claim 29, wherein said trigger is adapted to engage said switch in response to downward or lateral pressure applied to said trigger.

31. (canceled)

32. (original) The dispenser of claim 29, wherein said trigger is pivotally mounted to said housing.

33. (original) The dispenser of claim 32, wherein said trigger comprises a first portion that engages said switch and a second portion depending from said first portion, wherein the second portion is adapted to pivot in response to a force applied to the second portion whereby the first portion engages said switch.

34. (original) The dispenser of claim 29, wherein said housing is adapted to connect to the associated bottle.

35. (original) The dispenser of claim 34, further comprising a latching mechanism to connect said housing to the associated bottle.

36. (original) The dispenser of claim 34, wherein said housing comprises a base wall that aligns with a base wall of the associated bottle when said housing is attached to the associated bottle.

37. (original) The dispenser of claim 34, wherein said housing includes a wall having a shape that is complementary to an adjacent wall of the associated bottle when said housing is connected to the associated bottle.

38. (original) The dispenser of claim 29, further comprising a dip tube adapted to be positioned in the associated bottle.

39. (original) The dispenser of claim 34, further comprising a dip tube adapted to be positioned in the associated bottle.

40. (original) The dispenser of claim 39, wherein said housing includes an opening that communicates with said dip tube.

41. (original) The dispenser of claim 40, wherein the opening in said housing aligns with an opening in the associated bottle when the associated bottle is attached to said housing.

42. (original) The dispenser of claim 29, wherein said motor operatively engages said pump actuator via a transmission that translates rotational movement to reciprocal movement.

43. (original) The dispenser of claim 42, wherein said motor engages said pump via a gear reduction transmission.

44. (original) The dispenser of claim 29, wherein said pump comprises a positive displacement pump.

45. (original) The dispenser of claim 29, wherein said housing includes a shroud that at least partially covers said nozzle.

46-68. (canceled)

69. (currently amended) A liquid dispensing apparatus comprising:

a container for holding a liquid;

a pump for pumping the liquid out of the container;

an inlet in communication with the pump and the container;

an outlet in communication with the pump;

a motor for driving the pump;

a switch electrically connected to the motor and an associated power source;

a moveable trigger operatively connected to the switch to control power delivered to the motor, wherein the trigger is positioned in relation to the outlet such that the same hand of a user that actuates moves the trigger is also positioned to receive liquid from the outlet.

70. (previously presented) The apparatus of claim 69, wherein the trigger is positioned below the outlet.

71. (previously presented) The apparatus of claim 70, wherein the outlet is disposed above the container.

72. (previously presented) The apparatus of claim 69, wherein the outlet is disposed above the container.

73. (previously presented) The apparatus of claim 69, wherein the trigger comprises an optical sensor.

74. (previously presented) The apparatus of claim 73, wherein the trigger is positioned below the outlet.

75. (previously presented) The apparatus of claim 69, further comprising a gear reduction transmission interposed between the motor and the pump.

76. (previously presented) The apparatus of claim 69, wherein the trigger comprises a trigger pad.

77. (previously presented) The apparatus of claim 76, wherein the trigger pad is positioned in relation to the outlet such that an object that exerts a force on the trigger pad is also positioned to receive the liquid dispensed from the outlet.

78. (previously presented) The apparatus of claim 69, further comprising a conduit disposed between the pump and the outlet.

79. (previously presented) The apparatus of claim 78, further comprising a shroud mounted to the container and covering the conduit.

80. (currently amended) A dispenser for delivering liquid from an associated bottle to a person's hand, the dispenser comprising:

- a pump for pumping liquid from the associated bottle;
- a conduit in fluid communication with the pump and an outlet for the dispenser;
- a motor operatively connected to the pump for driving the pump;
- a switch electrically connected to the motor and a power source;

a moveable trigger selectively mechanically engaging the switch, wherein the trigger is positioned in relation to the outlet such that the same hand of the person that actuates moves the trigger is also positioned to receive liquid from the outlet.

81. (previously presented) The dispenser of claim 80, wherein the trigger comprises a trigger assembly that includes a trigger pad.

82. (previously presented) The dispenser of claim 81, wherein the trigger pad is disposed below the outlet.

83. (previously presented) The dispenser of claim 82, wherein the pump includes a pump inlet, the outlet being disposed above the pump inlet.

84. (previously presented) The dispenser of claim 80, wherein the motor engages the pump via a gear reduction transmission.

85. (previously presented) The dispenser of claim 80, further comprising a dip tube in communication with the pump.

86. (previously presented) The dispenser of claim 80, further comprising a housing, the pump and the conduit being at least partially disposed in the housing.

87. (previously presented) The dispenser of claim 86, further comprising a dip tube adapted to be positioned in the associated container.

88. (previously presented) The dispenser of claim 87, wherein the housing includes an opening in communication with the dip tube.

89. (previously presented) The dispenser of claim 88, wherein the opening in the housing aligns with an opening in the associated bottle when the associated bottle is attached to the housing.